10/494,758 03/03/2008

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L14 ANSWER 1 OF 6 ZCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:1204243 ZCAPLUS

537051-23-3 537051-24-4 537051-25-5 537051-26-6 537051-27-7 537051-28-8

DOCUMENT NUMBER: 145:511651

TITLE: Pharmaceutical compositions containing peptides for

derepressions of IAP-inhibited caspase to regulate

cell growth

INVENTOR(S): Reed, John C.; Houghten, Richard A.; Nefzi, Adel;

Ostresh, John M.; Pinilla, Clemencia; Welsh, Kate

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 170pp., Cont.-in-part of U.S.

Ser. No. 748,128.

CODEN: USXXCO

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

I	PATENT NO.					KIND		DATE			APPLICATION NO.					DATE		
ī	US 2006258581						20061116			US 2005-251617					20051014			
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						B2	2 20050628											
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V	WO 2007047551				A3 20070621													
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			CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI	, GB,	GD,
			GE,	GH,	GM,	HN,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	ΚE,	KG,	KM	, KN,	KΡ,
			KR,	KΖ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	LY,	MA,	MD,	MG	, MK,	MN,
			MW,	MX,	MΥ,	MΖ,	NA,	NG,	NΙ,	NO,	NΖ,	OM,	PG,	PH,	PL_{r}	PT	, RO,	RS,
			RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	SV,	SY,	ΤJ,	TM,	TN,	TR	, TT,	$\mathrm{TZ}_{m{r}}$
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											US 2						20021 20051	
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     537052-57-6 537052-67-8 537052-68-9
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     537052-83-8 537052-84-9 537052-85-0
     537052-86-1 537052-87-2 537052-88-3
     537052-89-4 537052-90-7 537052-91-8
     537052-92-9 537052-93-0 537052-94-1
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     537053-01-3 537053-02-4 537053-03-5
     537053-04-6 537053-05-7 537053-06-8
     540529-33-7 540529-35-9 540529-37-1
     852819-25-1 852819-28-4 852819-29-5
     852819-41-1
     RL: BSU (Biological study, unclassified); THU (Therapeutic use); BIOL
     (Biological study); USES (Uses)
        (pharmaceutical compns. containing peptides for derepressions of
        IAP-inhibited caspase to regulate cell growth)
     295343-36-1 ZCAPLUS
RN
CN
     Urea, N-[(2S)-2-[(cycloheptylmethyl)[(phenylamino)carbonyl]amino]-3-
     phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-
     (phenylmethyl) ethyl] - (CA INDEX NAME)
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Absolute stereochemistry.

RN 295343-40-7 ZCAPLUS

CN Urea, N-[(2S)-2-[[3-(4-methylphenyl)propyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537051-01-7 ZCAPLUS

CN Urea, N-[2-[(2,2-dimethylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-02-8 ZCAPLUS

CN Urea, N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]N-[3-phenyl-2-[[(phenylamino)carbonyl](3-phenylpropyl)amino]propyl]- (CA
INDEX NAME)

RN 537051-03-9 ZCAPLUS

CN Urea, N-[2-[[[4-(1,1-dimethylethyl)cyclohexyl]methyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-04-0 ZCAPLUS

CN Urea, N-[2-[[(4-methylcyclohexyl)methyl][(phenylamino)carbonyl]amino]-3phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-05-1 ZCAPLUS

CN Urea, N-[2-[(2-cyclopentylethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-07-3 ZCAPLUS

CN Urea, N-[2-[(cyclohexylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-08-4 ZCAPLUS

CN Urea, N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]-N-[3-phenyl-2-[[(phenylamino)carbonyl](2-phenylethyl)amino]propyl]- (CA INDEX NAME)

RN 537051-09-5 ZCAPLUS

CN Urea, N-[2-[(cycloheptylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-10-8 ZCAPLUS

CN Urea, N-[2-[(cyclobutylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-12-0 ZCAPLUS

Urea, N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]N-[3-phenyl-2-[[(phenylamino)carbonyl](2-tricyclo[3.3.1.13,7]dec-1ylethyl)amino]propyl]- (CA INDEX NAME)

RN 537051-13-1 ZCAPLUS

CN Urea, N-[2-[(cyclopentylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-14-2 ZCAPLUS

CN Urea, N-[2-[(2-methylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-15-3 ZCAPLUS

CN Urea, N-[2-[(2-cyclohexylethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-16-4 ZCAPLUS

CN Urea, N-[2-[[2-(3-methoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-17-5 ZCAPLUS

CN Urea, N-[2-[butyl[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-18-6 ZCAPLUS

CN Urea, N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]-N-[3-phenyl-2-[[(phenylamino)carbonyl][3-(3,4,5-trimethoxyphenyl)propyl]amino]propyl]- (CA INDEX NAME)

RN 537051-20-0 ZCAPLUS

CN Urea, N-[2-[(2-bicyclo[2.2.1]hept-2-ylethyl)[(phenylamino)carbonyl]amino]3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-21-1 ZCAPLUS

CN Urea, N-[2-[(3-cyclohexylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-22-2 ZCAPLUS

CN Urea, N-[2-[(3,3-dimethylbutyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-23-3 ZCAPLUS

CN Urea, N-[2-[[2-(4-ethoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-24-4 ZCAPLUS

CN Urea, N-[2-[(3,3-diphenylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-25-5 ZCAPLUS

CN Urea, N-[2-[[2-(4-methoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-26-6 ZCAPLUS

CN Urea, N-[2-[(4-methylpentyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-27-7 ZCAPLUS

CN Urea, N-[2-[ethyl[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-28-8 ZCAPLUS

CN Urea, N-[2-[[2-[4-(2-methylpropyl)phenyl]propyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-29-9 ZCAPLUS

CN Urea, N-[2-[[2-(4-methylphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537052-55-4 ZCAPLUS

RN 537052-56-5 ZCAPLUS

Absolute stereochemistry.

RN 537052-57-6 ZCAPLUS

Absolute stereochemistry.

RN 537052-67-8 ZCAPLUS

CN Urea, N-[(2R)-2-[[2-(4-methoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3phenylpropyl]-N-[(1S)-1-(2-naphthalenylmethyl)-2[[(phenylamino)carbonyl]amino]ethyl]-N'-phenyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-68-9 ZCAPLUS

CN Urea, N-[(1S)-1-(2-naphthalenylmethyl)-2-[[(phenylamino)carbonyl]amino]eth yl]-N'-phenyl-N-[(2R)-3-phenyl-2-[[(phenylamino)carbonyl](2-tricyclo[3.3.1.13,7]dec-1-ylethyl)amino]propyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-78-1 ZCAPLUS

CN Urea, N-[(1R)-1-(cyclohexylmethyl)-2-[[(phenylamino)carbonyl]amino]ethyl]N-[(2R)-2-[[2-(4-methoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3phenylpropyl]-N'-phenyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-79-2 ZCAPLUS

CN Urea, N-[(1R)-1-(cyclohexylmethyl)-2-[[(phenylamino)carbonyl]amino]ethyl]-

N'-phenyl-N-[(2R)-3-phenyl-2-[[(phenylamino)carbonyl](2-tricyclo[3.3.1.13,7]dec-1-ylethyl)amino]propyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-80-5 ZCAPLUS

CN Urea, N-[(2R)-2-[(4-cyclohexylbutyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N-[(1R)-1-(cyclohexylmethyl)-2-[[(phenylamino)carbonyl]amino]ethyl]-N'-phenyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-83-8 ZCAPLUS

CN Urea, N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]-N-[(2S)-3-phenyl-2-[[(phenylamino)carbonyl][(1-phenylcyclopropyl)methyl]amino]propyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-84-9 ZCAPLUS

CN Urea, N-[(2S)-2-[[2-(3-methoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-85-0 ZCAPLUS

CN Urea, N-[(2S)-2-[[2-(4-methoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-86-1 ZCAPLUS

CN Urea, N-[(2S)-2-[[2-(4-ethoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-87-2 ZCAPLUS

CN Urea, N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]-N-[(2S)-3-phenyl-2-[[(phenylamino)carbonyl](2-phenylethyl)amino]propyl]- (CA INDEX NAME)

RN 537052-88-3 ZCAPLUS

CN Urea, N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]-N-[(2S)-3-phenyl-2-[[(phenylamino)carbonyl](3-phenylpropyl)amino]propyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-89-4 ZCAPLUS

Urea, N-[(2S)-2-[butyl[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl](CA INDEX NAME)

Absolute stereochemistry.

RN 537052-90-7 ZCAPLUS

CN Urea, N-[(2S)-2-[heptyl[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl](CA INDEX NAME)

Absolute stereochemistry.

RN 537052-91-8 ZCAPLUS

CN Urea, N-[(2S)-2-[(2-methylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-92-9 ZCAPLUS

CN Urea, N-[(2S)-2-[(4-methylpentyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-93-0 ZCAPLUS

CN Urea, N-[(2S)-2-[(2,2-dimethylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-94-1 ZCAPLUS

CN Urea, N-[(2S)-2-[(3,3-dimethylbutyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-95-2 ZCAPLUS

CN Urea, N-[(2S)-2-[(cyclohexylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-96-3 ZCAPLUS

CN Urea, N-[(2S)-2-[(2-cyclohexylethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537052-97-4 ZCAPLUS

CN Urea, N-[(2S)-2-[(4-cyclohexylbutyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-98-5 ZCAPLUS

Urea, N-[(2S)-2-[ethyl[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl](CA INDEX NAME)

Absolute stereochemistry.

RN 537052-99-6 ZCAPLUS

CN Urea, N-[(2S)-2-[(cyclobutylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537053-00-2 ZCAPLUS

CN Urea, N-[(2S)-2-[(cyclopentylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537053-01-3 ZCAPLUS

CN Urea, N-[(2S)-2-[(3-cyclohexylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537053-02-4 ZCAPLUS

CN Urea, N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]-N-[(2S)-3-phenyl-2-[[(phenylamino)carbonyl](2-tricyclo[3.3.1.13,7]dec-1-ylethyl)amino]propyl]- (CA INDEX NAME)

RN 537053-03-5 ZCAPLUS

CN Urea, N-[(2S)-2-[(3,3-diphenylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537053-04-6 ZCAPLUS

CN Urea, N-[(2S)-2-[(2-cyclopentylethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537053-05-7 ZCAPLUS

Urea, N-[(2S)-2-[[2-(1H-indol-3-yl)ethyl][(phenylamino)carbonyl]amino]-3phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537053-06-8 ZCAPLUS

CN Urea, N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1- (phenylmethyl)ethyl]-N-[(2S)-3-phenyl-2-[[(phenylamino)carbonyl][3-(3,4,5-trimethoxyphenyl)propyl]amino]propyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 540529-33-7 ZCAPLUS

CN Urea, N-[(2S)-2-[[(4-methylcyclohexyl)methyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 540529-35-9 ZCAPLUS

CN Urea, N-[(2S)-2-[[[4-(1,1-dimethylethyl)cyclohexyl]methyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 540529-37-1 ZCAPLUS

CN Urea, N-[(2S)-2-[(2-bicyclo[2.2.1]hept-2-ylethyl)] [(phenylamino)carbonyl]am ino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 852819-25-1 ZCAPLUS

CN Urea, N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]N-[3-phenyl-2-[[(phenylamino)carbonyl](1-phenylcyclopropyl)amino]propyl](CA INDEX NAME)

RN 852819-28-4 ZCAPLUS

CN Urea, N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]N-[3-phenyl-2-[[(phenylamino)carbonyl](4-phenylbutyl)amino]propyl]- (CA
INDEX NAME)

O Ph-CH2 C-NHPh | C-NHPh | PhNH-C-NH-CH2-CH-N-CH2-CH-N-(CH2)
$$_4$$
-Ph | PhNH-C Ph-CH2

RN 852819-29-5 ZCAPLUS

CN Urea, N-[2-[heptyl[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 852819-41-1 ZCAPLUS

CN Urea, N-[(2R)-2-[(4-cyclohexylbutyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N-[(1S)-1-(2-naphthalenylmethyl)-2-[[(phenylamino)carbonyl]amino]ethyl]-N'-phenyl- (CA INDEX NAME)

Absolute stereochemistry.

L14 ANSWER 2 OF 6 ZCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:977385 ZCAPLUS

DOCUMENT NUMBER: 145:348575

INVENTOR(S):

TITLE: Compounds relieving the inhibition of caspases by IAP

proteins and their use in the induction of apoptosis Reed, John C.; Houghten, Richard A.; Nefzi, Adel; Ostresh, John M.; Pinilla, Clemencia; Welsh, Kate

10/494,758 03/03/2008

The Burnham Institute, USA; Torrey Pines Institute for PATENT ASSIGNEE(S): Molecular Studies U.S. Pat. Appl. Publ., 223 pp., Cont.-in-part of U.S. SOURCE: Ser. No. 84,714. CODEN: USXXCO DOCUMENT TYPE: Patent LANGUAGE: English FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE -----US 2006211627 Α1 20060921 US 2005-186629 20050719 US 7217688 20070515 В2 US 2007003535 20070104 US 2005-84714 20050317 A1CA 2601653 20060928 CA 2006-2601653 20060317 Α1 WO 2006102068 A2 20060928 WO 2006-US9695 20060317 AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, W: CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM EP 1865977 20071219 EP 2006-738724 20060317 Α2 AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, R: IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU PRIORITY APPLN. INFO.: US 2005-84714 A2 20050317 US 2005-186629 A 20050719 WO 2006-US9695 W 20060317 IT 537052-55-4 537052-56-5 537052-57-6 537052-67-8 537052-68-9 537052-78-1 537052-79-2 537052-80-5 540529-33-7 540529-35-9 540529-37-1 852819-41-1 909898-21-1 909898-22-2 909898-23-3 909898-24-4 909898-25-5 909898-26-6 909898-27-7 909898-28-8 909898-29-9 909898-30-2 909898-31-3 909898-32-4 909898-33-5 909898-34-6 909898-35-7 909898-36-8 909898-37-9 909898-38-0 909898-39-1 909898-40-4 909898-41-5 909898-42-6 909898-43-7 909898-44-8 909898-45-9 909898-46-0 RL: BSU (Biological study, unclassified); BIOL (Biological study) (as antagonist of IAP proteins; compds. relieving inhibition of caspases by IAP proteins and their use in induction of apoptosis) RN 537052-55-4 ZCAPLUS Urea, N-[2-(4-methoxyphenyl)ethyl]-N-[(1R)-1-[[(1R)-5-CN

[methyl[(phenylamino)carbonyl]amino]-1-[[[(phenylamino)carbonyl]amino]meth
yl]pentyl][(phenylamino)carbonyl]amino]methyl]-2-phenylethyl]-N'-phenyl-

03/03/2008

(9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-56-5 ZCAPLUS

Absolute stereochemistry.

RN 537052-57-6 ZCAPLUS

CN Urea, N-(4-cyclohexylbutyl)-N-[(1R)-1-[[[(1R)-5[methyl[(phenylamino)carbonyl]amino]-1-[[[(phenylamino)carbonyl]amino]meth
yl]pentyl][(phenylamino)carbonyl]amino]methyl]-2-phenylethyl]-N'-phenyl(9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-67-8 ZCAPLUS

CN Urea, N-[(2R)-2-[[2-(4-methoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N-[(1S)-1-(2-naphthalenylmethyl)-2-[[(phenylamino)carbonyl]amino]ethyl]-N'-phenyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-68-9 ZCAPLUS

CN Urea, N-[(1S)-1-(2-naphthalenylmethyl)-2-[[(phenylamino)carbonyl]amino]eth yl]-N'-phenyl-N-[(2R)-3-phenyl-2-[[(phenylamino)carbonyl](2-tricyclo[3.3.1.13,7]dec-1-ylethyl)amino]propyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-78-1 ZCAPLUS

CN Urea, N-[(1R)-1-(cyclohexylmethyl)-2-[[(phenylamino)carbonyl]amino]ethyl]-N-[(2R)-2-[[2-(4-methoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl- (CA INDEX NAME)

RN 537052-79-2 ZCAPLUS

CN Urea, N-[(1R)-1-(cyclohexylmethyl)-2-[[(phenylamino)carbonyl]amino]ethyl]N'-phenyl-N-[(2R)-3-phenyl-2-[[(phenylamino)carbonyl](2tricyclo[3.3.1.13,7]dec-1-ylethyl)amino]propyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-80-5 ZCAPLUS

CN Urea, N-[(2R)-2-[(4-cyclohexylbutyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N-[(1R)-1-(cyclohexylmethyl)-2-[[(phenylamino)carbonyl]amino]ethyl]-N'-phenyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 540529-33-7 ZCAPLUS

CN Urea, N-[(2S)-2-[[(4-methylcyclohexyl)methyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 540529-35-9 ZCAPLUS

CN Urea, N-[(2S)-2-[[[4-(1,1-dimethylethyl)cyclohexyl]methyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 540529-37-1 ZCAPLUS

CN Urea, N-[(2S)-2-[(2-bicyclo[2.2.1]hept-2-ylethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 852819-41-1 ZCAPLUS

CN Urea, N-[(2R)-2-[(4-cyclohexylbutyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N-[(1S)-1-(2-naphthalenylmethyl)-2-[(phenylamino)carbonyl]amino]ethyl]-N'-phenyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 909898-21-1 ZCAPLUS

CN Urea, N-[(1S)-1-(1,5-cyclohexadien-1-ylmethyl)-2-

10/494,758 03/03/2008

[[(phenylamino)carbonyl]amino]ethyl]-N'-phenyl-N-[(2S)-3-phenyl-2-[[(phenylamino)carbonyl][(1-phenylcyclopropyl)methyl]amino]propyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 909898-22-2 ZCAPLUS

Absolute stereochemistry.

RN 909898-23-3 ZCAPLUS

CN Urea, N-[(1S)-1-(1,5-cyclohexadien-1-ylmethyl)-2 [[(phenylamino)carbonyl]amino]ethyl]-N-[(2S)-2-[[2-(3-methoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N' phenyl- (CA INDEX NAME)

RN 909898-24-4 ZCAPLUS

CN Urea, N-[(1S)-1-(1,5-cyclohexadien-1-ylmethyl)-2 [[(phenylamino)carbonyl]amino]ethyl]-N-[(2S)-2-[[2-(4-methoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N' phenyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 909898-25-5 ZCAPLUS

Absolute stereochemistry.

RN 909898-26-6 ZCAPLUS

CN Urea, N-[(1S)-1-(1,5-cyclohexadien-1-ylmethyl)-2[[(phenylamino)carbonyl]amino]ethyl]-N'-phenyl-N-[(2S)-3-phenyl-2[[(phenylamino)carbonyl](2-phenylethyl)amino]propyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 909898-27-7 ZCAPLUS

Urea, N-[(1S)-1-(1,5-cyclohexadien-1-ylmethyl)-2[[(phenylamino)carbonyl]amino]ethyl]-N'-phenyl-N-[(2S)-3-phenyl-2[[(phenylamino)carbonyl](3-phenylpropyl)amino]propyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 909898-28-8 ZCAPLUS

CN Urea, N-[(2S)-2-[butyl[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N[(1S)-1-(1,5-cyclohexadien-1-ylmethyl)-2-[[(phenylamino)carbonyl]amino]eth
yl]-N'-phenyl- (CA INDEX NAME)

RN 909898-29-9 ZCAPLUS

CN Urea, N-[(1S)-1-(1,5-cyclohexadien-1-ylmethyl)-2[[(phenylamino)carbonyl]amino]ethyl]-N-[(2S)-2[heptyl[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 909898-30-2 ZCAPLUS

CN Urea, N-[(1S)-1-(1,5-cyclohexadien-1-ylmethyl)-2 [[(phenylamino)carbonyl]amino]ethyl]-N-[(2S)-2-[(2 methylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl- (CA INDEX NAME)

10/494,758

RN 909898-31-3 ZCAPLUS

CN Urea, N-[(1S)-1-(1,5-cyclohexadien-1-ylmethyl)-2 [[(phenylamino)carbonyl]amino]ethyl]-N-[(2S)-2-[(4 methylpentyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl- (CA
 INDEX NAME)

Absolute stereochemistry.

RN 909898-32-4 ZCAPLUS

CN Urea, N-[(1S)-1-(1,5-cyclohexadien-1-ylmethyl)-2[[(phenylamino)carbonyl]amino]ethyl]-N-[(2S)-2-[(2,2-dimethylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl(CA INDEX NAME)

10/494,758

03/03/2008

RN 909898-33-5 ZCAPLUS
CN Urea, N-[(1S)-1-(1,5-cyclohexadien-1-ylmethyl)-2[[(phenylamino)carbonyl]amino]ethyl]-N-[(2S)-2-[(3,3-dimethylbutyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl(CA INDEX NAME)

Absolute stereochemistry.

RN 909898-34-6 ZCAPLUS
CN Urea, N-[(1S)-1-(1,5-cyclohexadien-1-ylmethyl)-2[[(phenylamino)carbonyl]amino]ethyl]-N-[(2S)-2[(cyclohexylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl(CA INDEX NAME)

RN 909898-35-7 ZCAPLUS

Absolute stereochemistry.

RN 909898-36-8 ZCAPLUS

Absolute stereochemistry.

RN 909898-37-9 ZCAPLUS

CN Urea, N-[(2S)-2-[(cycloheptylmethyl)[(phenylamino)carbonyl]amino]-3-

10/494,758 03/03/2008

phenylpropy1]-N-[(1S)-1-(1,5-cyclohexadien-1-ylmethyl)-2[[(phenylamino)carbonyl]amino]ethyl]-N'-phenyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 909898-38-0 ZCAPLUS

CN Urea, N-[(1S)-1-(1,5-cyclohexadien-1-ylmethyl)-2[[(phenylamino)carbonyl]amino]ethyl]-N-[(2S)-2[ethyl[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 909898-39-1 ZCAPLUS

CN Urea, N-[(2S)-2-[(cyclobutylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N-[(1S)-1-(1,5-cyclohexadien-1-ylmethyl)-2-[(phenylamino)carbonyl]amino]ethyl]-N'-phenyl- (CA INDEX NAME)

RN 909898-40-4 ZCAPLUS

CN Urea, N-[(1S)-1-(1,5-cyclohexadien-1-ylmethyl)-2[[(phenylamino)carbonyl]amino]ethyl]-N-[(2S)-2[(cyclopentylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'phenyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 909898-41-5 ZCAPLUS

CN Urea, N-[(1S)-1-(1,5-cyclohexadien-1-ylmethyl)-2[[(phenylamino)carbonyl]amino]ethyl]-N-[(2S)-2-[(3cyclohexylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl(CA INDEX NAME)

Absolute stereochemistry.

RN 909898-42-6 ZCAPLUS

CN Urea, N-[(1S)-1-(1,5-cyclohexadien-1-ylmethyl)-2-[[(phenylamino)carbonyl]amino]ethyl]-N'-phenyl-N-[(2S)-3-phenyl-210/494,758 03/03/2008

[[(phenylamino)carbonyl](2-tricyclo[3.3.1.13,7]dec-1-ylethyl)amino]propyl]-(CA INDEX NAME)

Absolute stereochemistry.

RN 909898-43-7 ZCAPLUS

CN Urea, N-[(1S)-1-(1,5-cyclohexadien-1-ylmethyl)-2[[(phenylamino)carbonyl]amino]ethyl]-N-[(2S)-2-[(3,3-diphenylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl(CA INDEX NAME)

Absolute stereochemistry.

RN 909898-44-8 ZCAPLUS

CN Urea, N-[(1S)-1-(1,5-cyclohexadien-1-ylmethyl)-2[[(phenylamino)carbonyl]amino]ethyl]-N-[(2S)-2-[(2cyclopentylethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl(CA INDEX NAME)

10/494,758

RN 909898-45-9 ZCAPLUS

CN Urea, N-[(1S)-1-(1,5-cyclohexadien-1-ylmethyl)-2[[(phenylamino)carbonyl]amino]ethyl]-N-[(2S)-2-[[2-(1H-indol-3-yl)ethyl]][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenylINDEX NAME)
(CF

Absolute stereochemistry.

RN 909898-46-0 ZCAPLUS

CN Urea, N-[(1S)-1-(1,5-cyclohexadien-1-ylmethyl)-2[[(phenylamino)carbonyl]amino]ethyl]-N'-phenyl-N-[(2S)-3-phenyl-2[[(phenylamino)carbonyl][3-(3,4,5-trimethoxyphenyl)propyl]amino]propyl](CA INDEX NAME)

10/494,758 03/03/2008

REFERENCE COUNT: 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 3 OF 6 ZCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:474920 ZCAPLUS

DOCUMENT NUMBER: 143:19969

TITLE: Peptidyl and nonpeptidyl compounds for derepression of

IAP-inhibited caspase and therapeutic and drug

screening uses

INVENTOR(S): Reed, John C.; Houghten, Richard A.; Nefzi, Adel;

Ostresh, John M.; Pinilla, Clemencia; Welsh, Kate

PATENT ASSIGNEE(S): The Burnham Institute, USA; Torrey Pines Institute for

Molecular Studies

SOURCE: U.S. Pat. Appl. Publ., 182 pp., Cont.-in-part of U.S.

Ser. No. 302,811.

CODEN: USXXCO

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
	7.1	00050600			
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US 2003180805	A1	20030925	US 2002-302811		20021121
US 6911426	В2	20050628			
CN 101029080	A	20070905	CN 2006-10162266		20021121
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PRIORITY APPLN. INFO.:			US 2001-331957P	P	20011121
			US 2002-302811	A2	20021121
			AU 2002-359457	А3	20021121
			CN 2002-827412	А3	20021121
			US 2003-748128	A2	20031224

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852819-25-1 852819-28-4 852819-29-5 852819-41-1

RL: BSU (Biological study, unclassified); CST (Combinatorial study, unclassified); PAC (Pharmacological activity); BIOL (Biological study); CMBI (Combinatorial study)

(peptidyl and nonpeptidyl compds. for derepression of IAP-inhibited caspase and therapeutic and drug screening uses)

RN 295343-36-1 ZCAPLUS

CN Urea, N-[(2S)-2-[(cycloheptylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 295343-40-7 ZCAPLUS

CN Urea, N-[(2S)-2-[[3-(4-methylphenyl)propyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537051-01-7 ZCAPLUS

CN Urea, N-[2-[(2,2-dimethylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-02-8 ZCAPLUS

CN Urea, N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]-N-[3-phenyl-2-[[(phenylamino)carbonyl](3-phenylpropyl)amino]propyl]- (CA INDEX NAME)

RN 537051-03-9 ZCAPLUS

CN Urea, N-[2-[[[4-(1,1-dimethylethyl)cyclohexyl]methyl][(phenylamino)carbony l]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1- (phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-04-0 ZCAPLUS

CN Urea, N-[2-[[(4-methylcyclohexyl)methyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-05-1 ZCAPLUS

CN Urea, N-[2-[(2-cyclopentylethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-07-3 ZCAPLUS

CN Urea, N-[2-[(cyclohexylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-08-4 ZCAPLUS

CN Urea, N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]N-[3-phenyl-2-[[(phenylamino)carbonyl](2-phenylethyl)amino]propyl]- (CA
INDEX NAME)

RN 537051-09-5 ZCAPLUS

CN Urea, N-[2-[(cycloheptylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-10-8 ZCAPLUS

CN Urea, N-[2-[(cyclobutylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-12-0 ZCAPLUS

CN Urea, N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]-N-[3-phenyl-2-[[(phenylamino)carbonyl](2-tricyclo[3.3.1.13,7]dec-1-ylethyl)amino]propyl]- (CA INDEX NAME)

RN 537051-13-1 ZCAPLUS

CN Urea, N-[2-[(cyclopentylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-14-2 ZCAPLUS

CN Urea, N-[2-[(2-methylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-15-3 ZCAPLUS

CN Urea, N-[2-[(2-cyclohexylethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-16-4 ZCAPLUS

CN Urea, N-[2-[[2-(3-methoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-17-5 ZCAPLUS

CN Urea, N-[2-[butyl[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-18-6 ZCAPLUS

CN Urea, N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]N-[3-phenyl-2-[[(phenylamino)carbonyl][3-(3,4,5trimethoxyphenyl)propyl]amino]propyl]- (CA INDEX NAME)

RN 537051-20-0 ZCAPLUS

CN Urea, N-[2-[(2-bicyclo[2.2.1]hept-2-ylethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-21-1 ZCAPLUS

CN Urea, N-[2-[(3-cyclohexylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-22-2 ZCAPLUS

CN Urea, N-[2-[(3,3-dimethylbutyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-23-3 ZCAPLUS

CN Urea, N-[2-[[2-(4-ethoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-24-4 ZCAPLUS

CN Urea, N-[2-[(3,3-diphenylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-25-5 ZCAPLUS

CN Urea, N-[2-[[2-(4-methoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-26-6 ZCAPLUS

CN Urea, N-[2-[(4-methylpentyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-27-7 ZCAPLUS

CN Urea, N-[2-[ethyl[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-28-8 ZCAPLUS

CN Urea, N-[2-[[2-[4-(2-methylpropyl)phenyl]propyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-29-9 ZCAPLUS

CN Urea, N-[2-[[2-(4-methylphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537052-55-4 ZCAPLUS

CN Urea, N-[2-(4-methoxyphenyl)ethyl]-N-[(1R)-1-[[[(1R)-5[methyl[(phenylamino)carbonyl]amino]-1-[[[(phenylamino)carbonyl]amino]meth
yl]pentyl][(phenylamino)carbonyl]amino]methyl]-2-phenylethyl]-N'-phenyl(9CI) (CA INDEX NAME)

RN 537052-56-5 ZCAPLUS

Absolute stereochemistry.

RN 537052-57-6 ZCAPLUS

Absolute stereochemistry.

RN 537052-67-8 ZCAPLUS

CN Urea, N-[(2R)-2-[[2-(4-methoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3phenylpropyl]-N-[(1S)-1-(2-naphthalenylmethyl)-2[[(phenylamino)carbonyl]amino]ethyl]-N'-phenyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-68-9 ZCAPLUS

CN Urea, N-[(1S)-1-(2-naphthalenylmethyl)-2-[[(phenylamino)carbonyl]amino]eth yl]-N'-phenyl-N-[(2R)-3-phenyl-2-[[(phenylamino)carbonyl](2-tricyclo[3.3.1.13,7]dec-1-ylethyl)amino]propyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-78-1 ZCAPLUS

CN Urea, N-[(1R)-1-(cyclohexylmethyl)-2-[[(phenylamino)carbonyl]amino]ethyl]-N-[(2R)-2-[[2-(4-methoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-79-2 ZCAPLUS

CN Urea, N-[(1R)-1-(cyclohexylmethyl)-2-[[(phenylamino)carbonyl]amino]ethyl]-

N'-phenyl-N-[(2R)-3-phenyl-2-[[(phenylamino)carbonyl](2-tricyclo[3.3.1.13,7]dec-1-ylethyl)amino]propyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-80-5 ZCAPLUS

CN Urea, N-[(2R)-2-[(4-cyclohexylbutyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N-[(1R)-1-(cyclohexylmethyl)-2-[[(phenylamino)carbonyl]amino]ethyl]-N'-phenyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-83-8 ZCAPLUS

Absolute stereochemistry.

RN 537052-84-9 ZCAPLUS

CN Urea, N-[(2S)-2-[[2-(3-methoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-85-0 ZCAPLUS

CN Urea, N-[(2S)-2-[[2-(4-methoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-86-1 ZCAPLUS

CN Urea, N-[(2S)-2-[[2-(4-ethoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-87-2 ZCAPLUS

CN Urea, N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]-N-[(2S)-3-phenyl-2-[[(phenylamino)carbonyl](2-phenylethyl)amino]propyl]- (CA INDEX NAME)

RN 537052-88-3 ZCAPLUS

CN Urea, N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]-N-[(2S)-3-phenyl-2-[[(phenylamino)carbonyl](3-phenylpropyl)amino]propyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-89-4 ZCAPLUS

Urea, N-[(2S)-2-[butyl[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl](CA INDEX NAME)

Absolute stereochemistry.

RN 537052-90-7 ZCAPLUS

CN Urea, N-[(2S)-2-[heptyl[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl](CA INDEX NAME)

Absolute stereochemistry.

RN 537052-91-8 ZCAPLUS

CN Urea, N-[(2S)-2-[(2-methylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-92-9 ZCAPLUS

CN Urea, N-[(2S)-2-[(4-methylpentyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-93-0 ZCAPLUS

CN Urea, N-[(2S)-2-[(2,2-dimethylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-94-1 ZCAPLUS

CN Urea, N-[(2S)-2-[(3,3-dimethylbutyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-95-2 ZCAPLUS

CN Urea, N-[(2S)-2-[(cyclohexylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-96-3 ZCAPLUS

CN Urea, N-[(2S)-2-[(2-cyclohexylethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537052-97-4 ZCAPLUS

CN Urea, N-[(2S)-2-[(4-cyclohexylbutyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-98-5 ZCAPLUS

Urea, N-[(2S)-2-[ethyl[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl](CA INDEX NAME)

Absolute stereochemistry.

RN 537052-99-6 ZCAPLUS

CN Urea, N-[(2S)-2-[(cyclobutylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537053-00-2 ZCAPLUS

CN Urea, N-[(2S)-2-[(cyclopentylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537053-01-3 ZCAPLUS

CN Urea, N-[(2S)-2-[(3-cyclohexylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537053-02-4 ZCAPLUS

CN Urea, N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]-N-[(2S)-3-phenyl-2-[[(phenylamino)carbonyl](2-tricyclo[3.3.1.13,7]dec-1-ylethyl)amino]propyl]- (CA INDEX NAME)

RN 537053-03-5 ZCAPLUS

CN Urea, N-[(2S)-2-[(3,3-diphenylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537053-04-6 ZCAPLUS

CN Urea, N-[(2S)-2-[(2-cyclopentylethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537053-05-7 ZCAPLUS

Urea, N-[(2S)-2-[[2-(1H-indol-3-yl)ethyl][(phenylamino)carbonyl]amino]-3phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537053-06-8 ZCAPLUS

CN Urea, N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1- (phenylmethyl)ethyl]-N-[(2S)-3-phenyl-2-[[(phenylamino)carbonyl][3-(3,4,5-trimethoxyphenyl)propyl]amino]propyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 540529-33-7 ZCAPLUS

CN Urea, N-[(2S)-2-[[(4-methylcyclohexyl)methyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 540529-35-9 ZCAPLUS

CN Urea, N-[(2S)-2-[[[4-(1,1-dimethylethyl)cyclohexyl]methyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 540529-37-1 ZCAPLUS

CN Urea, N-[(2S)-2-[(2-bicyclo[2.2.1]hept-2-ylethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 852819-25-1 ZCAPLUS

CN Urea, N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]N-[3-phenyl-2-[[(phenylamino)carbonyl](1-phenylcyclopropyl)amino]propyl](CA INDEX NAME)

RN 852819-28-4 ZCAPLUS

CN Urea, N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]N-[3-phenyl-2-[[(phenylamino)carbonyl](4-phenylbutyl)amino]propyl]- (CA
INDEX NAME)

O Ph-CH2 C-NHPh | C-NHPh | PhNH-C-NH-CH2-CH-N-CH2-CH-N-(CH2)
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-Ph | PhNH-C Ph-CH2

RN 852819-29-5 ZCAPLUS

CN Urea, N-[2-[heptyl[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 852819-41-1 ZCAPLUS

CN Urea, N-[(2R)-2-[(4-cyclohexylbutyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N-[(1S)-1-(2-naphthalenylmethyl)-2-[(phenylamino)carbonyl]amino]ethyl]-N'-phenyl- (CA INDEX NAME)

Absolute stereochemistry.

L14 ANSWER 4 OF 6 ZCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:434582 ZCAPLUS

DOCUMENT NUMBER: 139:30774

TITLE: Methods a

Methods and compositions using peptidyl and nonpeptidyl compounds for derepression of

IAP-inhibited caspase, therapeutic use, and methods

for identification of agents

10/494,758 03/03/2008

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Reed, John C.; Houghten, Richard A.; Nefzi, Adel;
INVENTOR(S):
                              Ostresh, John M.; Pinilla, Clemencia; Welsh, Kate
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                              The Burnham Institute, USA; Torrey Pines Institute for
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537051-23-3 537051-24-4 537051-25-5 537051-26-6 537051-27-7 537051-28-8 537051-29-9 537052-55-4 537052-56-5 537052-57-6 537052-67-8 537052-68-9 537052-69-0 537052-78-1 537052-79-2 537052-80-5 537052-86-1 537052-87-2 537052-88-3 537052-89-4 537052-90-7

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RL: CST (Combinatorial study, unclassified); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); CMBI (Combinatorial study); USES (Uses)

(peptidyl and nonpeptidyl compds. for derepression of IAP-inhibited caspase, therapeutic use, and methods for identification of agents)

RN 295343-36-1 ZCAPLUS

CN Urea, N-[(2S)-2-[(cycloheptylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 295343-40-7 ZCAPLUS

CN Urea, N-[(2S)-2-[[3-(4-methylphenyl)propyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537051-01-7 ZCAPLUS

CN Urea, N-[2-[(2,2-dimethylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-02-8 ZCAPLUS

CN Urea, N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]N-[3-phenyl-2-[[(phenylamino)carbonyl](3-phenylpropyl)amino]propyl]- (CA
INDEX NAME)

RN 537051-03-9 ZCAPLUS

CN Urea, N-[2-[[[4-(1,1-dimethylethyl)cyclohexyl]methyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-04-0 ZCAPLUS

CN Urea, N-[2-[[(4-methylcyclohexyl)methyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-05-1 ZCAPLUS

CN Urea, N-[2-[(2-cyclopentylethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-06-2 ZCAPLUS

CN Urea, N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]N-[3-phenyl-2-[[(phenylamino)carbonyl][(1-phenylcyclopropyl)methyl]amino]p
ropyl]- (CA INDEX NAME)

RN 537051-07-3 ZCAPLUS

CN Urea, N-[2-[(cyclohexylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

10/494,758 03/03/2008

RN 537051-08-4 ZCAPLUS

CN Urea, N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]-N-[3-phenyl-2-[[(phenylamino)carbonyl](2-phenylethyl)amino]propyl]- (CA INDEX NAME)

RN 537051-09-5 ZCAPLUS

CN Urea, N-[2-[(cycloheptylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-10-8 ZCAPLUS

CN Urea, N-[2-[(cyclobutylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-11-9 ZCAPLUS

CN Urea, N-[2-[(4-cyclohexylbutyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-12-0 ZCAPLUS

CN Urea, N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]N-[3-phenyl-2-[[(phenylamino)carbonyl](2-tricyclo[3.3.1.13,7]dec-1ylethyl)amino]propyl]- (CA INDEX NAME)

RN 537051-13-1 ZCAPLUS

CN Urea, N-[2-[(cyclopentylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-14-2 ZCAPLUS

CN Urea, N-[2-[(2-methylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-15-3 ZCAPLUS

CN Urea, N-[2-[(2-cyclohexylethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-16-4 ZCAPLUS

CN Urea, N-[2-[[2-(3-methoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-17-5 ZCAPLUS

CN Urea, N-[2-[butyl[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-18-6 ZCAPLUS

CN Urea, N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]N-[3-phenyl-2-[[(phenylamino)carbonyl][3-(3,4,5trimethoxyphenyl)propyl]amino]propyl]- (CA INDEX NAME)

RN 537051-19-7 ZCAPLUS

CN Urea, N-[2-[octyl[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-20-0 ZCAPLUS

CN Urea, N-[2-[(2-bicyclo[2.2.1]hept-2-ylethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-21-1 ZCAPLUS

CN Urea, N-[2-[(3-cyclohexylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-22-2 ZCAPLUS

CN Urea, N-[2-[(3,3-dimethylbutyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-23-3 ZCAPLUS

CN Urea, N-[2-[[2-(4-ethoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-24-4 ZCAPLUS

CN Urea, N-[2-[(3,3-diphenylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-25-5 ZCAPLUS

CN Urea, N-[2-[[2-(4-methoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-26-6 ZCAPLUS

CN Urea, N-[2-[(4-methylpentyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-27-7 ZCAPLUS

CN Urea, N-[2-[ethyl[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-28-8 ZCAPLUS

CN Urea, N-[2-[[2-[4-(2-methylpropyl)phenyl]propyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537051-29-9 ZCAPLUS

CN Urea, N-[2-[[2-(4-methylphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537052-55-4 ZCAPLUS

CN Urea, N-[2-(4-methoxyphenyl)ethyl]-N-[(1R)-1-[[[(1R)-5[methyl[(phenylamino)carbonyl]amino]-1-[[[(phenylamino)carbonyl]amino]meth
yl]pentyl][(phenylamino)carbonyl]amino]methyl]-2-phenylethyl]-N'-phenyl(9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-56-5 ZCAPLUS

Urea, N-[(1R)-1-[[(1R)-5-[methyl[(phenylamino)carbonyl]amino]-1[[(phenylamino)carbonyl]amino]methyl]pentyl][(phenylamino)carbonyl]amino]
methyl]-2-phenylethyl]-N'-phenyl-N-(2-tricyclo[3.3.1.13,7]dec-1-ylethyl)(9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-57-6 ZCAPLUS

RN 537052-67-8 ZCAPLUS

CN Urea, N-[(2R)-2-[[2-(4-methoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N-[(1S)-1-(2-naphthalenylmethyl)-2-[[(phenylamino)carbonyl]amino]ethyl]-N'-phenyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-68-9 ZCAPLUS

CN Urea, N-[(1S)-1-(2-naphthalenylmethyl)-2-[[(phenylamino)carbonyl]amino]eth yl]-N'-phenyl-N-[(2R)-3-phenyl-2-[[(phenylamino)carbonyl](2-tricyclo[3.3.1.13,7]dec-1-ylethyl)amino]propyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-69-0 ZCAPLUS

CN Urea, N-[(1S)-1-(2-naphthalenylmethyl)-2-[[(phenylamino)carbonyl]amino]eth yl]-N'-phenyl-N-[(2R)-3-phenyl-2-[[(phenylamino)carbonyl](4-phenylbutyl)amino]propyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-78-1 ZCAPLUS

CN Urea, N-[(1R)-1-(cyclohexylmethyl)-2-[[(phenylamino)carbonyl]amino]ethyl]-N-[(2R)-2-[[2-(4-methoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-79-2 ZCAPLUS

CN Urea, N-[(1R)-1-(cyclohexylmethyl)-2-[[(phenylamino)carbonyl]amino]ethyl]-N'-phenyl-N-[(2R)-3-phenyl-2-[[(phenylamino)carbonyl](2-tricyclo[3.3.1.13,7]dec-1-ylethyl)amino]propyl]- (CA INDEX NAME)

RN 537052-80-5 ZCAPLUS

CN Urea, N-[(2R)-2-[(4-cyclohexylbutyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N-[(1R)-1-(cyclohexylmethyl)-2-[[(phenylamino)carbonyl]amino]ethyl]-N'-phenyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-83-8 ZCAPLUS

CN Urea, N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]-N-[(2S)-3-phenyl-2-[[(phenylamino)carbonyl][(1-phenylcyclopropyl)methyl]amino]propyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-84-9 ZCAPLUS

CN Urea, N-[(2S)-2-[[2-(3-methoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-85-0 ZCAPLUS

Urea, N-[(2S)-2-[[2-(4-methoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-

phenylpropy1]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-86-1 ZCAPLUS

CN Urea, N-[(2S)-2-[[2-(4-ethoxyphenyl)ethyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-87-2 ZCAPLUS

CN Urea, N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]-N-[(2S)-3-phenyl-2-[[(phenylamino)carbonyl](2-phenylethyl)amino]propyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-88-3 ZCAPLUS

CN Urea, N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]-N-[(2S)-3-phenyl-2-[[(phenylamino)carbonyl](3-phenylpropyl)amino]propyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-89-4 ZCAPLUS

CN Urea, N-[(2S)-2-[butyl[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]-(CA INDEX NAME)

Absolute stereochemistry.

RN 537052-90-7 ZCAPLUS

CN Urea, N-[(2S)-2-[heptyl[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]-(CA INDEX NAME)

Absolute stereochemistry.

RN 537052-91-8 ZCAPLUS

CN Urea, N-[(2S)-2-[(2-methylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537052-92-9 ZCAPLUS

CN Urea, N-[(2S)-2-[(4-methylpentyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-93-0 ZCAPLUS

CN Urea, N-[(2S)-2-[(2,2-dimethylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-94-1 ZCAPLUS

CN Urea, N-[(2S)-2-[(3,3-dimethylbutyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-95-2 ZCAPLUS

CN Urea, N-[(2S)-2-[(cyclohexylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-96-3 ZCAPLUS

CN Urea, N-[(2S)-2-[(2-cyclohexylethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537052-97-4 ZCAPLUS

Urea, N-[(2S)-2-[(4-cyclohexylbutyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537052-98-5 ZCAPLUS

Urea, N-[(2S)-2-[ethyl[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl](CA INDEX NAME)

Absolute stereochemistry.

RN 537052-99-6 ZCAPLUS

CN Urea, N-[(2S)-2-[(cyclobutylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537053-00-2 ZCAPLUS

CN Urea, N-[(2S)-2-[(cyclopentylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537053-01-3 ZCAPLUS

CN Urea, N-[(2S)-2-[(3-cyclohexylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537053-02-4 ZCAPLUS

CN Urea, N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]-N-[(2S)-3-phenyl-2-[[(phenylamino)carbonyl](2-tricyclo[3.3.1.13,7]dec-1-ylethyl)amino]propyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537053-03-5 ZCAPLUS

CN Urea, N-[(2S)-2-[(3,3-diphenylpropyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

RN 537053-04-6 ZCAPLUS

CN Urea, N-[(2S)-2-[(2-cyclopentylethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 537053-05-7 ZCAPLUS

Absolute stereochemistry.

RN 537053-06-8 ZCAPLUS

CN Urea, N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1- (phenylmethyl)ethyl]-N-[(2S)-3-phenyl-2-[[(phenylamino)carbonyl][3-(3,4,5-trimethoxyphenyl)propyl]amino]propyl]- (CA INDEX NAME)

RN 540529-33-7 ZCAPLUS

CN Urea, N-[(2S)-2-[[(4-methylcyclohexyl)methyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 540529-35-9 ZCAPLUS

CN Urea, N-[(2S)-2-[[[4-(1,1-dimethylethyl)cyclohexyl]methyl][(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 540529-37-1 ZCAPLUS

CN Urea, N-[(2S)-2-[(2-bicyclo[2.2.1]hept-2-ylethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

L14 ANSWER 5 OF 6 ZCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2002:46830 ZCAPLUS

DOCUMENT NUMBER: 137:185430

TITLE: Solid phase synthesis of acyclic and heterocyclic

combinatorial libraries from resin-bound triamines

AUTHOR(S): Nefzi, Adel; Giulianotti, Marc A.; Ong, Nhi A.;

Ostresh, John M.; Dooley, Colette T.; Blondelle,

Sylvie E.; Houghten, Richard A.

CORPORATE SOURCE: Torrey Pines Institute for Molecular Studies, San

Diego, CA, 92121, USA

SOURCE: Innovation and Perspectives in Solid Phase Synthesis &

Combinatorial Libraries: Peptides, Proteins and Nucleic Acids--Small Molecule Organic Chemistry

Diversity, Collected Papers, International Symposium, 6th, York, United Kingdom, Aug. 31-Sept. 4, 1999 (2001)

), Meeting Date 1999, 119-122. Editor(s): Epton, Roger. Mayflower

Scientific Ltd.: Kingswinford, UK. CODEN: 69CEGV; ISBN: 0-9515735-3-5

DOCUMENT TYPE: Conference LANGUAGE: English

IT 449778-39-6P

RL: SPN (Synthetic preparation); PREP (Preparation)

(solid phase synthesis of acyclic and heterocyclic combinatorial

libraries from resin-bound triamines)

RN 449778-39-6 ZCAPLUS

CN Urea, N'-phenyl-N-[1-[[[(phenylamino)carbonyl]amino]methyl]pentyl]-N-[3-phenyl-2-[[(phenylamino)carbonyl](2-phenylethyl)amino]propyl]- (CA INDEX NAME)

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 6 OF 6 ZCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2000:498548 ZCAPLUS

DOCUMENT NUMBER: 133:252127

TITLE: An efficient two-step synthesis of mono-, di- and

triureas from resin-bound amides

AUTHOR(S): Nefzi, A.; Ong, N. A.; Houghten, R. A.

CORPORATE SOURCE: Torrey Pines Institute for Molecular Studies, San

Diego, CA, 92121, USA

SOURCE: Tetrahedron Letters (2000), 41(29), 5441-5446

CODEN: TELEAY; ISSN: 0040-4039

PUBLISHER: Elsevier Science Ltd.

DOCUMENT TYPE: Journal LANGUAGE: English

OTHER SOURCE(S): CASREACT 133:252127 IT 295343-36-1P 295343-38-3P 295343-40-7P

295343-42-9P 295343-44-1P 295343-48-5P
RL: SPN (Synthetic preparation); PREP (Preparation)

(solid-phase synthesis of mono-, di- and triureas from resin-bound amides)

RN 295343-36-1 ZCAPLUS

CN Urea, N-[(2S)-2-[(cycloheptylmethyl)[(phenylamino)carbonyl]amino]-3-phenylpropyl]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1-(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 295343-38-3 ZCAPLUS

CN Urea, N'-phenyl-N-[(1S)-1-[[[(phenylamino)carbonyl]amino]methyl]butyl]-N[(2S)-3-phenyl-2-[[(phenylamino)carbonyl](3-phenylpropyl)amino]propyl](CA INDEX NAME)

Absolute stereochemistry.

RN 295343-40-7 ZCAPLUS

CN Urea, N-[(2S)-2-[[3-(4-methylphenyl)propyl][(phenylamino)carbonyl]amino]-3-

phenylpropy1]-N'-phenyl-N-[(1S)-2-[[(phenylamino)carbonyl]amino]-1(phenylmethyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 295343-42-9 ZCAPLUS

CN Urea, N-[(1S)-1-methyl-2-[[(phenylamino)carbonyl]amino]ethyl]-N'-phenyl-N[(2S)-3-phenyl-2-[[(phenylamino)carbonyl](3-phenylpropyl)amino]propyl](CA INDEX NAME)

Absolute stereochemistry.

RN 295343-44-1 ZCAPLUS

CN Urea, N-[(1S,2S)-2-methyl-1-[[[(phenylamino)carbonyl]amino]methyl]butyl]N'-phenyl-N-[(2S)-3-phenyl-2-[[(phenylamino)carbonyl](3phenylpropyl)amino]propyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 295343-48-5 ZCAPLUS

CN Urea, N-[(1S)-2-methyl-1-[[[(phenylamino)carbonyl]amino]methyl]propyl]-N'-

phenyl-N-[(2S)-3-phenyl-2-[[(phenylamino)carbonyl](3phenylpropyl)amino]propyl]- (CA INDEX NAME)

Absolute stereochemistry.

REFERENCE COUNT:

25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT